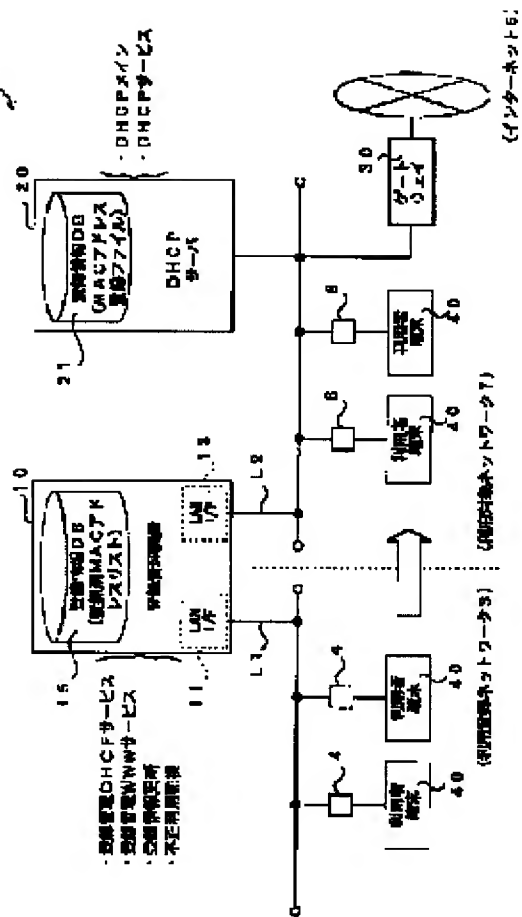


AN: PAT 2003-410876
TI: Registration device for network management system e.g. for local area network, acquires media access control address of user terminal connected to network through server, for storing database
PN: **JP2003124957-A**
PD: 25.04.2003
AB: NOVELTY - The media access control (MAC) address of a user terminal (40) connected to a network, is acquired through a dynamic host setting protocol (DACP) server (20) and stored in a database (15). DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for network management system.; USE - Registration device for network management system (claimed) e.g. for local area network within university, stores, to authenticate connected network device such as portable computers like notebook personal computer. ADVANTAGE - Registers MAC address of user terminal easily. Monitors irregular utilization of network by authenticating user terminal connected to network. DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of a network management system. (Drawing includes non-English language text). database 15 DACP server 20 user terminal 40
PA: (ARUB-) ARUBEKKU KK;
FA: **JP2003124957-A** 25.04.2003;
CO: JP;
IC: H04L-012/46;
MC: T01-N02A2; W01-A06B5A; W01-A06E1; W01-A06G3;
DC: T01; W01;
FN: 2003410876.gif
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FP: 25.04.2003
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(19)



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**INOUE MITSUGI
SATO TAKAHIRO
TAMURA TAKAFUMI****(54) REGISTERING EQUIPMENT, AND NETWORK
MANAGING SYSTEM**

User terminals registered in the MAC-address registering file.

(57) Abstract:

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PROBLEM TO BE SOLVED: To provide registering equipment and a network managing system wherein the MAC addresses of user terminals can be registered simply.

SOLUTION: A network managing system 1 has a registration managing equipment 10 connected with a utilization registering network 3 for registering MAC addresses and with a utilization objecting network 7 coupled to an Internet 5, which are constructed independently of each other, and has a DHCP server 20 connected with the utilization objecting network. The registration managing equipment so acquires the MAC addresses of user terminals 40 connected with the utilization registering network as to register the MAC addresses in a registered-information DB 15 integrated into it. Then, the registration managing equipment transmits the registered informations to the DHCP server. The DHCP server records additionally in its own MAC-address registering file the registered-informations transmitted from the registration managing equipment. Then, the DHCP server leases IP addresses only to the

